

**ABSTRACT OF THE DISCLOSURE**

1           A scanner including first and second light monitor  
2 elements and a light redirection system operable in a  
3 first mode to focus light reflected from a scanned object  
4 and the first light monitor element onto a sensor and  
5 operable in a second mode to focus light reflected from  
6 the object and the second light monitor element onto the  
7 sensor. The light monitor elements are arranged such that  
8 the first light monitor element will not interfere with  
9 scans in the second mode, which may be a high resolution  
10 scan mode, and the second light monitor element will not  
11 interfere with scans in the first mode, which may be a  
12 normal resolution scan mode.